

**FIG. 1**

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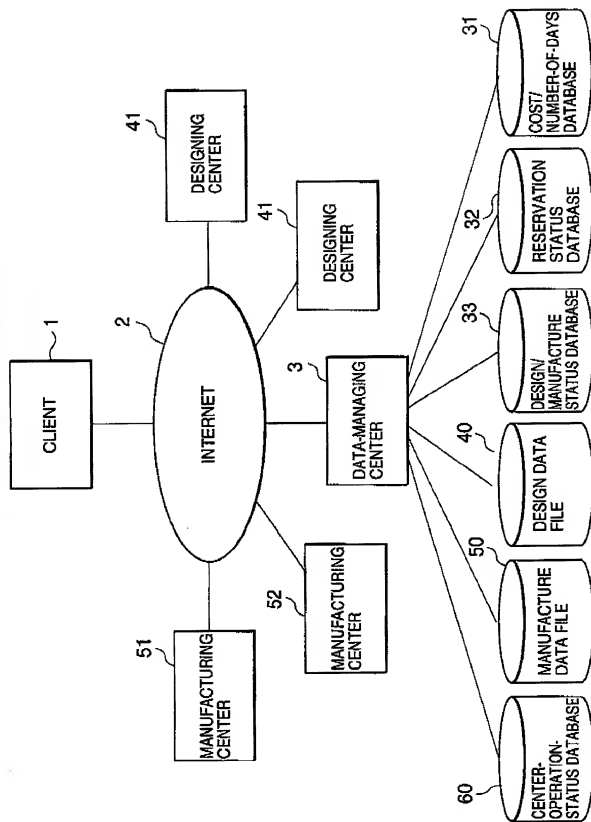


FIG.2

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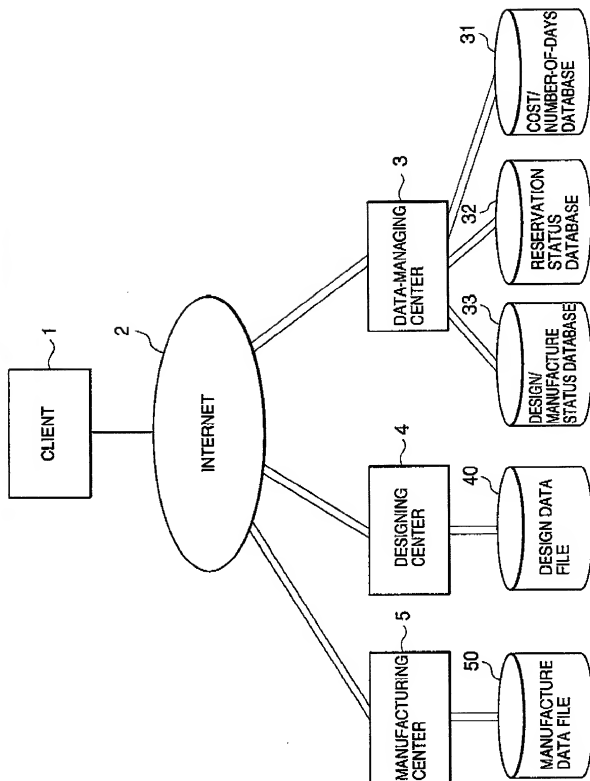


FIG.3

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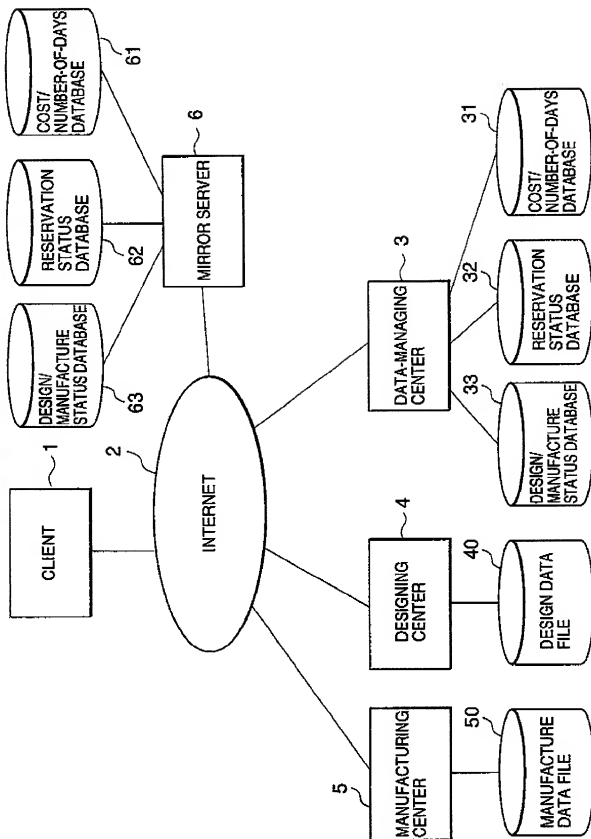


FIG.4

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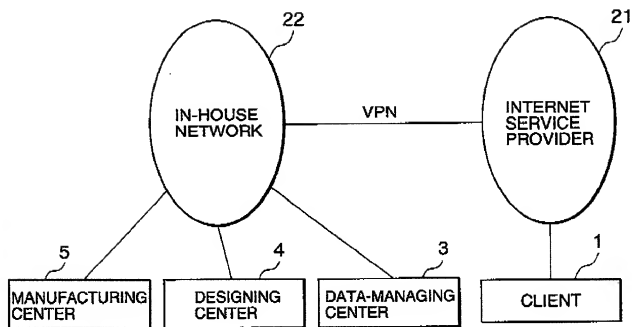


FIG.5

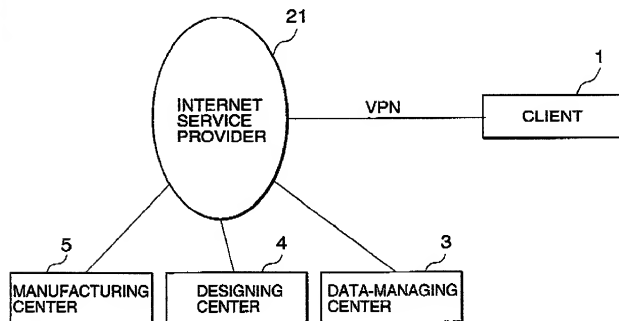


FIG.6

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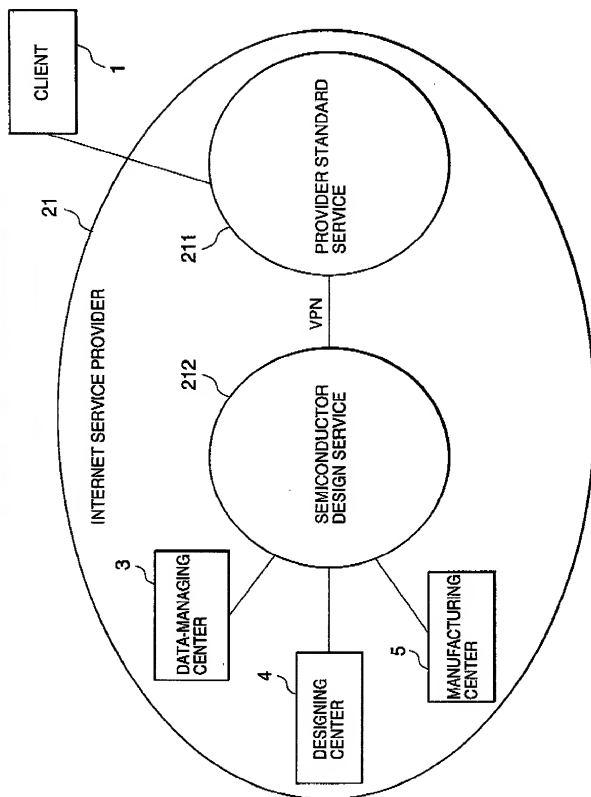


FIG.7

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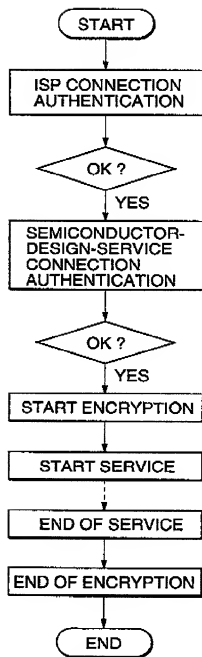


FIG.8

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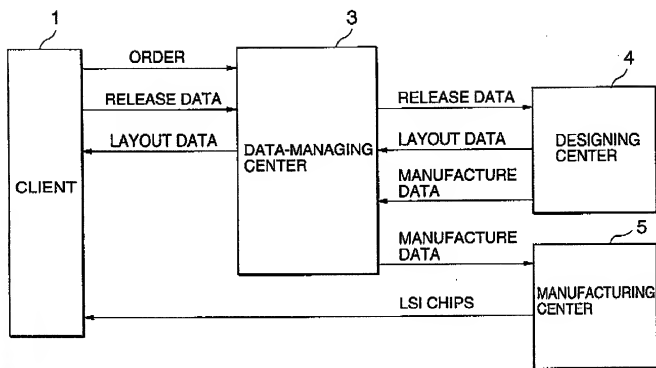


FIG.9

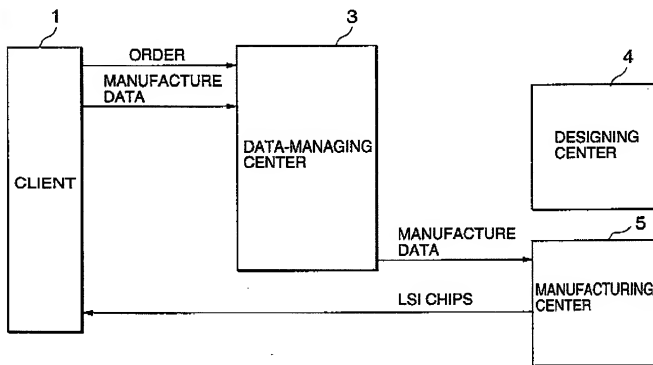


FIG.10



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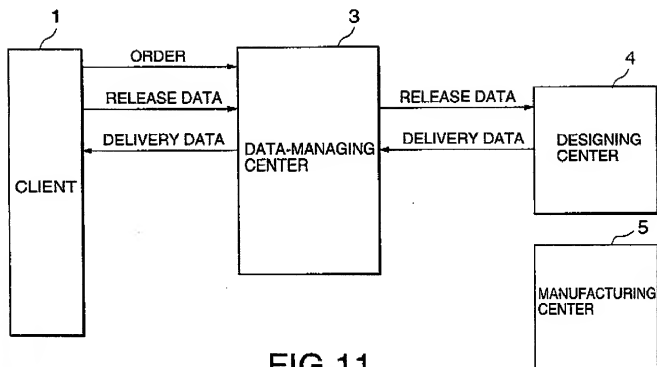


FIG.11

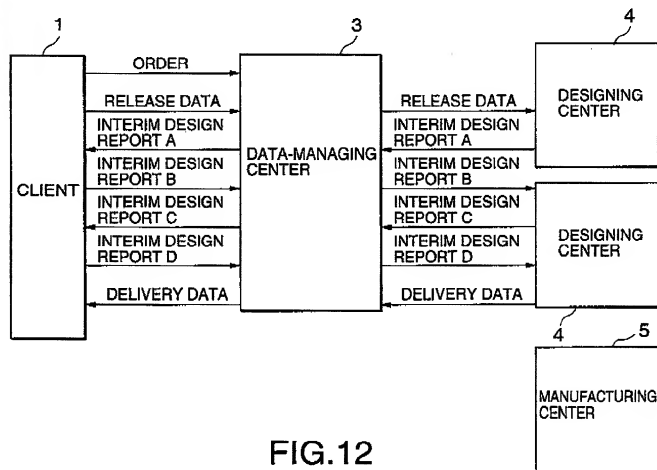


FIG.12

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COST/NUMBER-OF-DAYS DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND-HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED
A	2,000,000	1	1,500,000	2	1,000,000	5	NULL	NULL	750,000	14 OR LESS
B	6,000,000	1	4,000,000	3	3,000,000	7	2,500,000	12	2,000,000	20 OR LESS
C	10,000,000	2	7,000,000	5	5,000,000	10	4,500,000	18	4,000,000	30 OR LESS
D	NULL	10	15,000,000	10	10,000,000	14	9,000,000	25	NULL	NULL
.....										

FIG.13

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RESERVATION DATABASE (EXAMPLE)

PRODUCT TYPE	COURSE (URGENCY)	RESERVATION STATUS									
		4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8		
A	H	0	1	0	0	1	0	1	1		
	SH	1	0	1	2	1	0	2	1		
	N	0	0	2	0	0	1	2	3		
	SL				NULL						
B	L	0	1	1	0	1	2	1	2		
	H	0	0	0	0	0	0	0	1		
	SH	0	0	1	0	0	1	0	0		
	N	0	0	0	0	0	0	0	0		
	SL	0	0	0	1	0	0	1	0		
C	L	0	0	0	0	0	1	1	0		
	H	1	0	0	1	0	1	0	1		
	SH	0	1	1	0	1	1	0	1		
	N	0	0	0	0	0	0	1	2		
	SL	0	0	0	0	0	0	1	0		
D	L	0	0	0	0	0	0	0	1		
	H				NULL						
	SH	0	0	1	0	0	0	1	0		
	N	0	0	0	0	1	1	0	2		
.....	SL	0	0	0	1	0	0	0	1		
	L				NULL						

FIG.14

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DESIGN/MANUFACTURE STATUS DATABASE (EXAMPLE)

ORDER				RELEASE			DESIGN				MANUFACTURE				
PRODUCT NAME	PRODUCT TYPE	COURSE	RESERVATION DATE	INFORMATION TYPE	SCHEDULED DATE OF RELEASE	COMPLETION DATE OF RELEASE	RESPONSIBLE DESIGNING CENTER	STEP A1 SCHEDULED DATE OF RELEASE	STEP A2 SCHEDULED DATE OF RELEASE	RESPONSIBLE MANUFACTURING CENTER	STEP B1 SCHEDULED DATE OF RELEASE	STEP B2 SCHEDULED DATE OF RELEASE			
AAA1	ABC	A	N	aa1	LOGIC DESIGN DATA	ab1	ac1	X1	ad1	ae1	af1	ag1	ah1	ai1	..
AAA2	EFG	D	N	aa2	LOGIC DESIGN DOC.	ab2	ac2	X2	ad2	ae2	af2	..	..	..	..
AAA3	EFH	C	L	aa3	CIRCUIT DESIGN DATA	ab3	ac3	X2	ad3	ae3	af3	ag3	ah3	ai3	..
AAA4	KLM	B	SH	aa4	LOGIC DESIGN DATA	ab4	..	X1	ad4	ae4	af4	..	ah4	ai4	..
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

FIG.15

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CENTER-OPERATION-STATUS DATABASE (EXAMPLE)

NAME OF CENTER	JAN.			FEB.			MAR.			APR.			MAY.		
	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES	OPERATION RATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES	OPERATION RATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES	OPERATION RATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES	OPERATION RATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES	OPERATION RATIO
DESIGNING CENTER X1	28	30	93.3%	30	30	100.0%	35	40	87.5%	36	40	90.0%	16	40	40.0%
DESIGNING CENTER X2	26	30	86.7%	27	30	90.0%	27	30	90.0%	26	30	86.7%	11	30	36.7%
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MANUFAC- TURNING CENTER Y1	30	30	100.0%	29	30	96.7%	30	30	100.0%	28	30	86.7%	14	30	46.7%
MANUFAC- TURNING CENTER Y2	19	20	95.0%	20	20	100.0%	20	20	100.0%	15	20	75.0%	6	20	30.0%
MANUFAC- TURNING CENTER Y2										15	20	75.0%	7	20	35.0%
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

FIG.16

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CANCELLATION DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	WITHIN 2 DAYS	WITHIN TODAY	WITHIN 5 DAYS	WITHIN TODAY	WITHIN 7 DAYS	WITHIN TODAY	WITHIN 7 DAYS	WITHIN TODAY	WITHIN 10 DAYS	WITHIN TODAY
A	600,000	1,000,000	300,000	600,000	100,000	300,000	NULL	NULL	80,000	250,000
B	1,800,000	3,000,000	800,000	1,600,000	300,000	900,000	250,000	750,000	200,000	600,000
C	3,000,000	5,000,000	1,400,000	2,800,000	500,000	1,500,000	450,000	1,350,000	400,000	1,200,000
D	NULL	NULL	3,000,000	5,000,000	1,000,000	3,000,000	900,000	2,700,000	NULL	NULL
.....										

(COST UNIT : YEN)

FIG.17

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INSURANCE DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM
A	r1a	c1a	r2a	c2a	r3a	c3a	NULL		r5a	c5a
B	NULL	NULL	r2b	c2b	r3b	c3b	r4b	c4b	r5b	NULL
C	r1c	c1c	r2c	c3c	r3c	c3c	r4c	c4c	r5c	c5c
D	NULL		r2d	c3d	r3d	c3d	r4d	c4d	NULL	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FIG.18

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PER-CLIENT DESIGN-AND-MANUFACTURE HISTORICAL LOG DATABASE (EXAMPLE)

CLIENT	CURRENT PRODUCT										TOTAL					
	PRODUCT NAME	PRODUCT TYPE	COURSE	RESERVATION DATE	NUMBER OF RESERVATION OCCURRENCES	ORDER		MANUFACTURE	PRODUCT TYPE	NUMBER OF RESERVATION OCCURRENCES	ORDER		MANUFACTURE	PRODUCT TYPE	NUMBER OF RESERVATION OCCURRENCES	RESERVATION RESTRICTION
						NUMBER OF RESERVATION OCCURRENCES	CANCELLATION				NUMBER OF RESERVATION OCCURRENCES	CANCELLATION				
AAA1	ABA	A	SH	ba1	ba1	*		bc1	A	bc1	ba1	bf1	bg1	bf1	bg1	
	ABB	C	SL	ba2	ba2			bc2	B	bc2	ba2	bf2	bg2	bf2	bg2	
	ABC	A	N	ba3	ba3			bc3	C	bc3	ba3	bf3	bg3	bf3	bg3	*
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
AAA2	EFG	D	N	ca1	cb1			cc1	A	cd1	ce1	cf1	cg1	ch1	ci1	
	EFH	C	SL	ca2	cb2			cc2	B	cd2	ce2	cf2	cg2	ch2	ci2	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

FIG.19



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REVISION-MANAGEMENT DATABASE (EXAMPLE)

CURRENT PRODUCT										
CLIENT	PRODUCT NAME	PRODUCT TYPE	NUMBER OF REVISIONS	DESIGN DATA PARAMETER						
				NUMBER OF GATES	DELAY TIME	AREA SIZE	CONSUMPTION POWER	NET	FF	...
AAA1	AAG	A	rev1	pa1	pb1	pc1	pd1	pe1	pf1	...
			rev2	pa2	pb2	pc2	pd2	pe2	pf2	...
			rev1	pa2	pb3	pc3	pd3	pe3	pf3	...
	AAH	B	rev2	pa4	pb4	pc4	pd4	pe4	pf4	...
			rev3	pa5	pb5	pc5	pd5	pe5	pf5	...
			...	...	...	...	...	...	...	...

FIG.20

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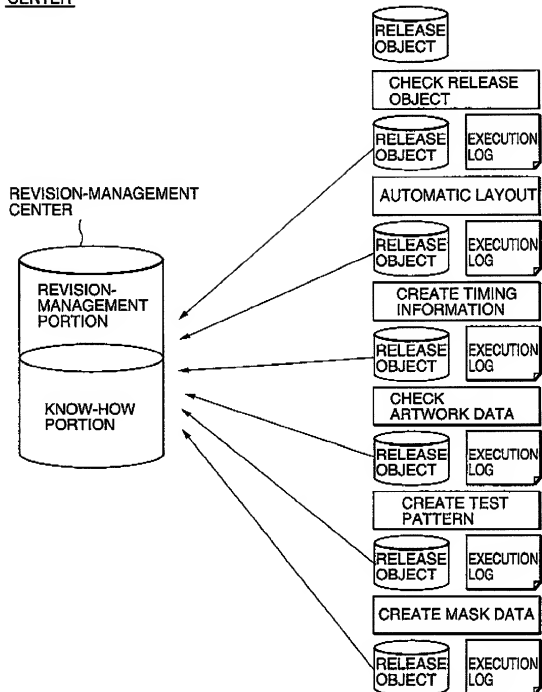
DATA-MANAGEMENT  
CENTERDESIGNING CENTER

FIG.21

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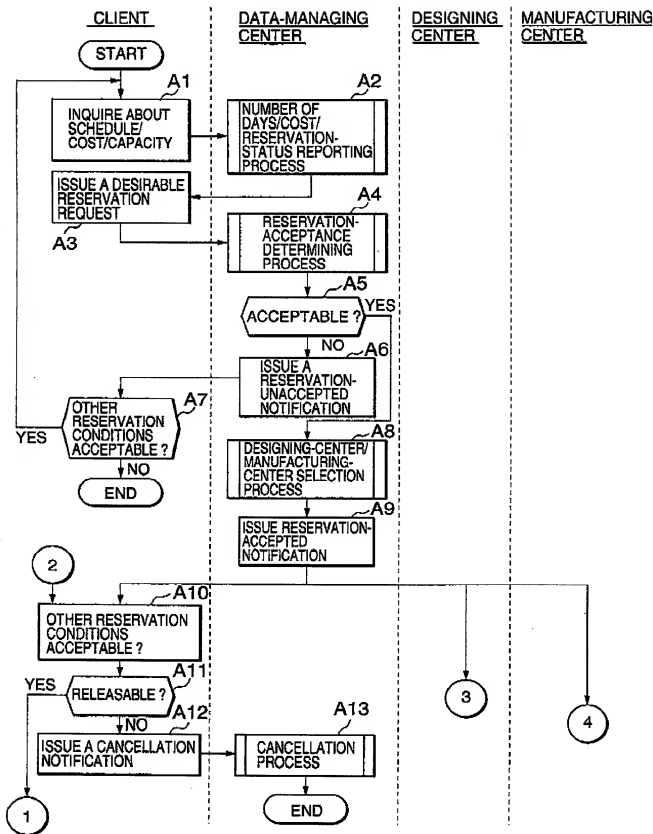


FIG.22

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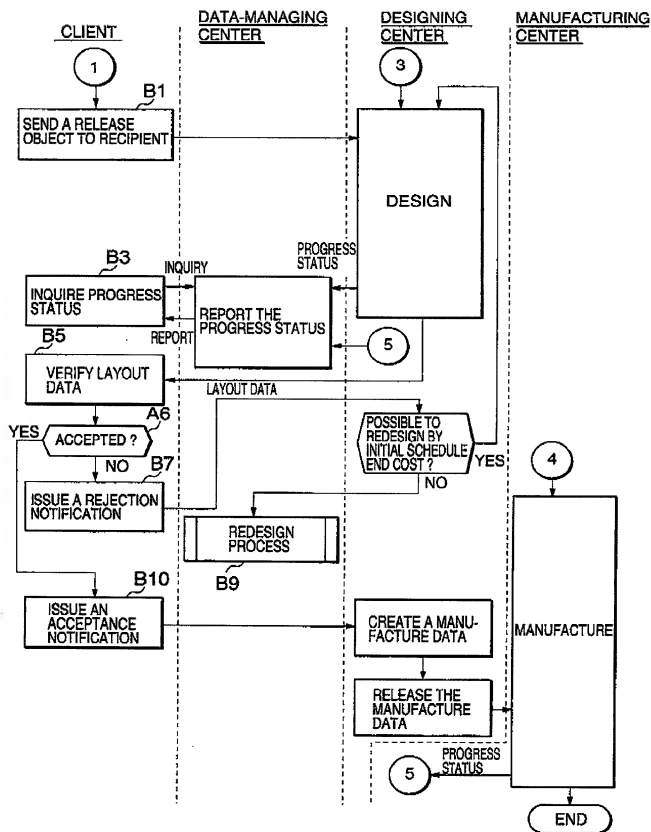


FIG.23

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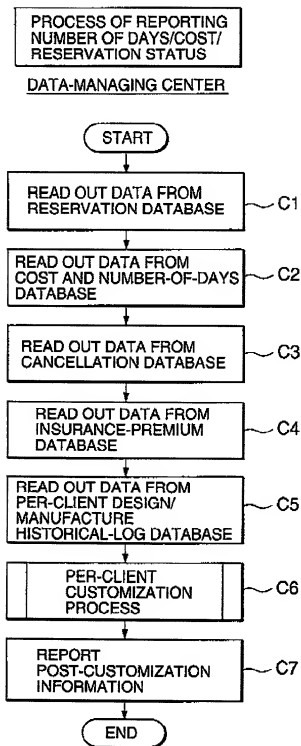


FIG.24

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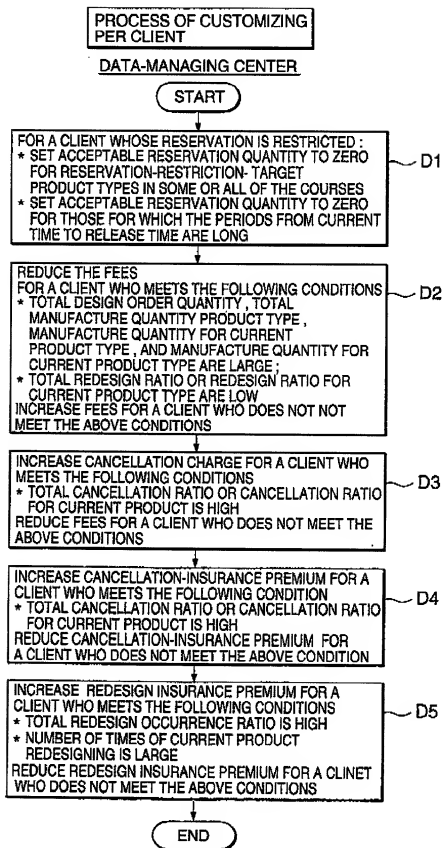


FIG.25

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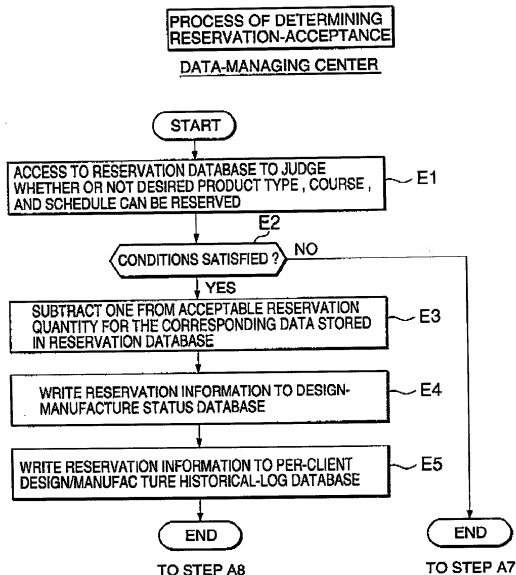


FIG.26

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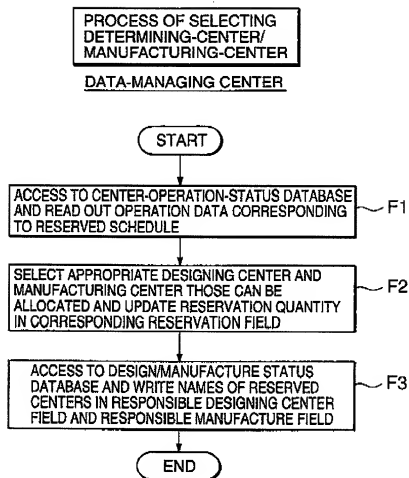


FIG.27



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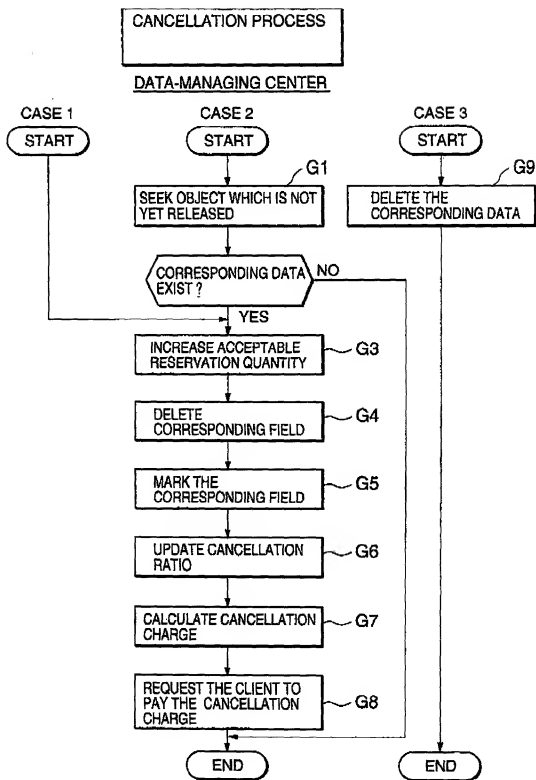


FIG.28

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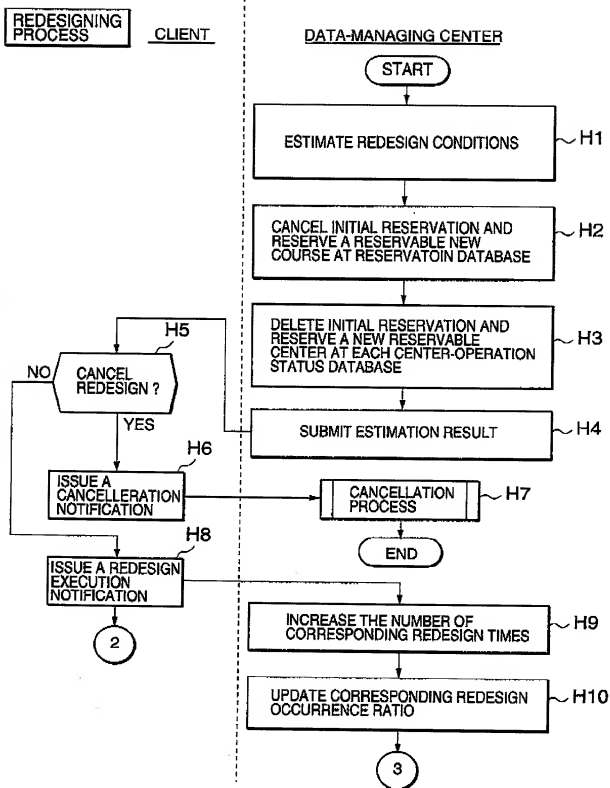


FIG.29

FIG.30



FIG.30

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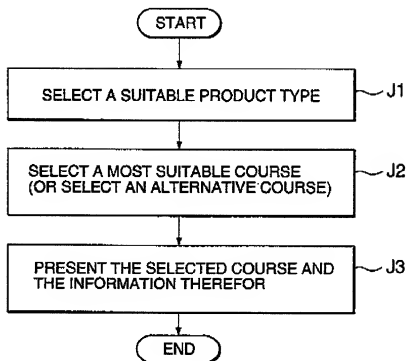
DATA-MANAGING CENTER

FIG.31

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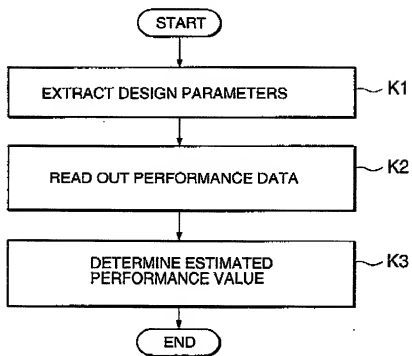
DATA-MANAGING CENTER

FIG.32